Ritesh Man Chitrakar

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Tokyo, Japan

PERSONAL SUMMARY:

I am a self-motivated full-stack developer with hands-on experience doing software development and architecture work for a while now. I also do lead and manage projects end to end. I have hands-on experience developing robust code for high-volume businesses.

TECHNOLOGIES FAMILIAR WITH:

- Python: Django, Flask, Core scripts.
- GoLang: Echo, Core.
- PHP: Yii1 Basic, Yii2 Basic, CodeIgnitor, Laravel, Lumen, CakePHP, Custom Framework.
- JavaScript: AngularJS, ReactJS, VueJS, JQuery.
- Android: React Native, Native Android (Java).
- Databases: SQL Server, MySQL, T-SQL, Postgres. [I love everything that has to do with data :)]
- Servers: Apache, Nginx, Internet Information Services, AWS, Docker Setup.
- Rails: Ruby on Rails.
- Design: Html, CSS, SASS.
- Version Control System: Git, Svn, Backlog.
- C#: ASP.NET MVC, Webforms, WPF, WinForms [But been long that I haven't worked in C#].
- AWS: ECS, EC2, Lambda, IoT, RDS, SES, Route53, Cloudwatch logging.
- Misc: Google App Scripts.

EXPERIENCE:

Mobile Com Inc   Tokyo, Japan

Senior Software Engineer   *Sep '2019 - Present.*

Designing Architecture and structure for multiple projects and making sure it's completed before the deadline. Tackling some of the difficult areas like AWS IOT network analysis, SAML Authentication and Authorization, Creating Document Regulation Applications along with handling the seamless deployment of projects. Planning the start-to-end process for the application all through Remote work. Working mainly with Data Modeling and Database Architecture for the application, managing the

timeframe for workload, Deployment of the project and making sure all the products are safely launched with all the necessary testings.

B.M.Nepal   Kathmandu, Nepal
Senior Software Engineer   *Mar '2018 – Jun'2019*.

Defining architecture of modules, creating the design, and doing the actual development and deployment as well. Making sure all the products are safely launched alongside managing and filtering the information that goes to the site and with testing as well. Working as a part of a technical team. Performing a detail and deep analysis on huge data. Parsing different forms of data to fit in an already setup system. Data Modeling and Database Architecture. Significant work with network-based APIs. Display of strong communication skills with team leaders and manager.

Amnil Technologies Pvt Ltd   Kathmandu, Nepal
Senior Software Engineer   *Nov '2017 - Feb '2018*

Designing architecture for large project with agile development. Manipulating huge amount of data with ease and integrating certain hardware with designed application on requirement. Distribution of workload to other developer and making sure it is completed before deadline with complete testing. Documenting each section with support of project manager and creating weekly sprints for client with clarification.

Unipay Nepal   Kathmandu, Nepal
Senior Software Engineer   *Jun '2015 - Nov '2017*

Preparing technical documentation, developing project structure, code architecture and making custom frameworks that best suits the project requirements. Building architecture for the whole project with database design as well as query performance tuning. Rapid development framework to reduce development code of similar applications. Installing application to production server, configuring the application requirement and providing future support. A good experience of working with third parties' API's and manipulating the data as required on graphs.

Infigon Infotech   Bangalore, KR, India
Junior Software Developer (Intern)   *Aug '2014 - Nov '2014*

Building dynamic websites and developing advanced database driven website. Testing and validating work produced as a part of development process as well as writing and maintaining program code to meet system requirements. Manual testing and debugging of written programs.

SCHOOL PROJECTS:

Employee Management Software

Final Semester University Project   *Jun''2015*

> Employee management desktop application based on McDonald's food chain using language(C#) on IDK (Visual Studio WPF Platform) along with back-end support (Microsoft Sql Server). Support for both manager and employee mode. Employee and managers could both login with their respective information provided by supervisors.

Reversible Watermarking based on Invariant Image Classification & Dynamic Histogram Shifting

Final Semester University Project   *Nov '2014 – Jun '2015*

> Watermarking text and picture inside the picture for encryption purpose using dynamic histogram shifting algorithm. Decryption is done by the receiver if and only if he/she has the same algorithm. The efficiency of the algorithm used provided a 99% efficiency. Language (MATLAB) was used to build both interface and algorithm.

EDUCATION:

Visvesvaraya Technological University   Belgaum, KR, India

Bachelors of Engineering (BE), Information Science   *Aug '2011 - May '2015*

Prasadi Academy   Lalitpur, Nepal

Higher Secondary, Science   *Sep '2007 - Jun '2009*

I.J.Pioneer High School   Lalitpur, Nepal

Secondary, Computer Science   *Jun '2007*

OTHER EXPERIENCE:

McDonald's Restaurant   Catford, LDN, UK

Crew Trainer   *Jan '2010 – Jun '2011*

> Worked as a Certified Crew Trainer, training new employees and intern building out of every individual's capacity to fullest. Also performed partial managerial work as well as handling the work floor as a team leader.

VOLUNTEERING ACTIVITIES:

Chandra Surya Pustakalaya   Lalitpur, Nepal

Department of social work (volunteer)   *Sep '2006 – Contd.*

Local community localization programs. Conduction and organizing various programs such as blood donation, book distribution, educational programs for all age group. Supervision of other fellow volunteers for better events. Coordination meeting with the leaders and how to mobilize donation resources properly and efficiently.

Dirghajeevi Voluntary Group (DVG)   Kathmandu, Nepal

Volunteer   *Jan '2009 – Contd.*

Organizing orientation and awareness programs on childhood cancer at various schools, child care home and community. Also creating child friendly environment within the Cancer ward of Kanti hospital. Providing assistance and psychological support to children undergoing treatment for cancer and their parents.